

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state thousand gallons per day

			Regular			Midgrade				
	Sales to e	nd users		Sales for resale		Sales to en	d users		Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bul
United States										
August 2017	20,498.5	20,724.8	17,670.5	240,999.0	15,510.9	1,754.1	1,767.8	279.8	2,360.0	
July 2017	20,142.9	20,341.1	17,343.1	234,645.0	12,048.7	1,749.1	1,761.7	277.2	2,332.1	
August 2016	21,502.0	21,748.3	18,403.6	233,912.2	21,813.8	1,885.3	1,899.4	333.9	2,672.6	
PAD District 1										
August 2017	6,812.0	6,825.2	W	W	2,047.9	586.1	588.1	W	W	
July 2017	6,718.8	6,728.1	W	W	2,172.7	586.5	587.7	W	W	
August 2016	7,048.2	7,066.2	W	68,890.3	W	619.5	623.6	W	W	
Subdistrict 1A										
August 2017	W	W	W	W	W	W	W		49.4	
July 2017	W_	W	W	W	W	W_	W_	W	W	
August 2016	W	W	W	W	W	W	W	W	W	
Connecticut										
August 2017		W_	W_	W.	NA.	 _			18.9	
July 2017		W_	W	W	NA.	- _	_ _	W	W	
August 2016	-	W	W	2,107.1	W	-	-	W	W	
Maine										
August 2017		- -	W_	W_	-	- _			W	
July 2017		- -	W	W_	-				W	
August 2016	-	-	-	641.9	-	-	-	-	W	
Massachusetts										
August 2017	W_			<u>W</u> _					NA	
July 2017				W_					NA	
August 2016	W	W	W	W	-	W	W	-	7.5	
New Hampshire						144				
August 2017			<u>W</u> _		· - 	<u>W</u> _	W		 -	
July 2017 August 2016	W	<u>W</u> _	<u>W</u> _	<u>W</u> _		W	$ \frac{W}{W}$	-		
Rhode Island										
August 2017	W_	W_	W_	NA_	W		W_		W	
July 2017	W_	W_	W_	NA	W	W	W		W	
August 2016	W	W	W	740.0	W	W	W	-	W	
Vermont August 2017			W	W	_	_			W	
July 2017				W						
August 2016							<u>-</u>		W	
Subdistrict 1B										
August 2017	3,236.8	3,236.8	W	21,873.9	W	342.0	342.0	W	W	
July 2017	3,228.3	3,228.3		20,948.5	W	347.5	347.5	W	W	
August 2016	3,229.7	3,231.5	W	W	W	354.3	354.5	W	W	
Delaware	ŕ	,								
August 2017	W	W		1,083.8		W_	W		16.5	
July 2017	W	W	_ -	1,038.4	_ -	W_	W_		18.3	
August 2016	W	W	-	1,013.4	-	W	W	-	22.4	
District of Columb	bia									
August 2017		- -	- -	- _		- -				
July 2017		- -	- -	- -	-	- -			 .	
August 2016	-	-	-	-	-	-	-	-	-	
Maryland				2.000 -						
August 2017		- -		3,683.8		 -	- -		84.2	
July 2017 August 2016		- - W	- - W	3,457.6 W	W	 -	- -	-	77.2 85.0	
New Jersey	-	VV	VV	VV	VV	-	VV	-	85.0	
August 2017	W	W	W	6,717.2	W	W_	W_	W	W	
July 2017				6,631.8	w		W_	w		
August 2016			W	W	185.9		vv -	w	W	
New York	vv	**	**	**	103.5	• •	••	**	vv	
August 2017	1,984.8	1,984.8	W	W	W	218.2	218.2	W	W	
July 2017	1,981.6	1,981.6	w		W		222.9	W	W	
August 2016	1,948.0	1,948.0	W	5,186.3	W		223.8	W	W	
Pennsylvania	,	,		-,				-		
August 2017	W	W		W	W	W_	W_		33.5	
July 2017	W	W		W	W		W_		32.9	
August 2016	W	W		W	W		W		37.7	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

July 2017	DTW	Sales for resale	
DTW Rack Bulk Outlets Total[a] DTW Rack Bulk Outlets Total[a]		Rack	
August 2017 2,669.5 2,693.6 5,052.4 31,298.6 1,784.5 24,922.1 25,186.3 2.2 July 2017 2,683.3 2,710.0 4,992.2 30,937.6 1,457.9 24,575.3 24,812.9 2.2 PAD District 1 August 2017 873.3 873.4 W 9,614.7 W 8,271.4 8,286.8 1,985.5 4,980.2 4,980.2 4,980.2 8,986.8 1,862.4 26,248.0 26,532.9 22 PAD District 1 August 2017 873.3 873.4 W 9,614.7 W 8,187.9 8,198.5 4,988.8		Nack	Bull
July 2017 2,683.3 2,710.0 4,992.2 30,937.6 1,457.9 24,575.3 24,812.9 22, 22,812.9 22,812.9			
August 2016 2,860.7 2,885.3 5,190.8 30,582.8 1,862.4 26,248.0 26,532.9 22 PAD District 1 August 2017 873.3 873.4 W 9,614.7 W 8,271.4 8,286.8 July 2017 882.6 882.7 W 9,364.7 W 8,198.5 August 2016 943.5 943.6 W W W 8,611.2 8,633.4 Subdistrict 1A August 2017 W	3,002.6	274,657.5	17,295.
PAD District 1	2,612.5	267,914.6	13,506.
August 2017 873.3 873.4 W 9,614.7 W 8,271.4 8,286.8 July 2017 882.6 882.7 W 9,364.7 W 8,187.9 8,198.5 August 2016 943.5 943.6 W W W W 8,611.2 8,633.4 Subdistrict 1A August 2017 W	3,928.4	267,167.5	23,676.
August 2017 873.3 873.4 W 9,614.7 W 8,271.4 8,286.8 July 2017 882.6 882.7 W 9,364.7 W 8,187.9 8,198.5 August 2016 943.5 943.6 W W W W 8,611.2 8,633.4 Subdistrict 1A August 2017 W			
July 2017 882.6 882.7 W 9,364.7 W 8,187.9 8,198.5 August 2016 943.5 943.6 W W W W 8,611.2 8,633.4 Subdistrict 1A	147	00.005.2	
August 2016 943.5 943.6 W W W 8,611.2 8,633.4 Subdistrict 1A August 2017 W	W		V
Subdistrict 1A August 2017 W	W		V
August 2017 W <th< td=""><td>W</td><td>79,220.0</td><td>V</td></th<>	W	79,220.0	V
July 2017 W W W W W W W W W W W W August 2016 W W W - W			
August 2016 W W W W W W W W Connecticut W W Page 1 Connecticut W W Page 2 Connecticut W W Page 2 Page 2 W Mall Page 2 Page 2 W Mall Page 2 Page 2 Page 2 W Mall Page 2	W	W	V
Connecticut August 2017	W	W	V
Connecticut	W	5,191.2	V
August 2017 - - - W W - - W July 2017 - - - W W - - W Maine - - W 50.6 - - - - August 2017 - - W 50.9 - - - - August 2016 - - W 48.1 - - - - Massachusetts August 2017 W W W W - W W July 2017 W W W W - W W New Hampshire - W W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W August 2017 W W W W - W W August 2016 W W			
July 2017 - - - W W - - - W August 2016 - - - W W - - W August 2017 - - - W 50.6 - <	W	W	N.
August 2016 W W W Maine August 2017 W 50.6 July 2017 W 50.9 August 2016 W 48.1 Massachusetts August 2017 W W W W W - W W July 2017 W W W W W - W W August 2016 W W W W W - W W August 2016 W W W W W - W W New Hampshire August 2017 W W W W W W W W W August 2017 W W W W W W W W W August 2016 W W W W W W W W W W August 2017 W W W W W W W W W W August 2017 W W W W W W W W W W W August 2017 W W W W W W W W W W W W August 2017 W W W W W W W W W W W W W W W W W W W	W	W	N.
Maine August 2017 - - W 50.6 - <td< td=""><td> W</td><td>2,513.8</td><td> V</td></td<>	W	2,513.8	V
August 2017 - - - W 50.6 -	vv	2,313.0	,
July 2017 -			
August 2016 - - - W 48.1 - - - - Massachusetts August 2017 W W W W - W W July 2017 W W W W - W W New Hampshire August 2017 W W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W	W		
Massachusetts August 2017 W	W		
August 2017 W W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W New Hampshire August 2017 W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W	W	W	
July 2017 W W W W - W W August 2016 W W W W - W W New Hampshire August 2017 W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W			
August 2016 W W W W - W W New Hampshire August 2017 W W W - W W July 2017 W W W W - W W August 2016 W W W W - W W	W	W	
New Hampshire August 2017 W W W - W W July 2017 W W W - W W August 2016 W W W - W W	W	W	
August 2017 W <td< td=""><td>W</td><td>W</td><td></td></td<>	W	W	
August 2017 W <td< td=""><td></td><td></td><td></td></td<>			
July 2017 W W W W - W W August 2016 W W W - W W	W	W	
August 2016 W W W - W W	W	v v	
ů	W		
Rhode Island			
August 2017 W W W W W	W		V
July 2017 W W W W	W	NA.	V
August 2016 W W W W - W W	W	896.4	V
Vermont			
August 2017 W 12.5	W	W	
July 2017 W 11.6	W	W	
August 2016 W W	W	W	
Subdistrict 1B			
	14/	25 252 5	
	W_		<u>V</u>
July 2017 565.2 565.2 W W 4,141.0 4,141.0	W		V
August 2016 588.5 588.6 W 3,208.1 W 4,172.5 4,174.5	W	25,364.1	V
Delaware			
August 2017 W W 130.2 - W W		1,230.5	
July 2017 W W W		1,182.5	
August 2016 W W - 119.5 - W W	-	1,155.2	
District of Columbia			
August 2017	-	-	
July 2017		-	
August 2016		-	
Maryland			
August 2017 599.2		4,367.1	
July 2017 574.7		4,109.5	
August 2016 - W - W - W	W	4,396.3	V
New Jersey			
August 2017 W W W W W W W	W		V
July 2017 W W W W W W W W	W		V
August 2016 W W W - W W	W	W	185.
New York			
August 2017 362.1 362.1 W 925.9 W 2,565.1 2,565.1	W	W	V
July 2017 367.2 367.2 W 923.0 W 2,571.7 2,571.7	W		V
August 2016 377.7 377.7 W W 2,549.5 2,549.5	W		V
Pennsylvania		2,222.0	•
August 2017 W W - W W W			
		147	14
July 2017 W W W W W		<u>W</u> _	
August 2016 W W - W W W			W

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Regular					Midgrade				
	Sales to er	nd users	S	ales for resale		Sales to end	lusers	Sal	es for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull		
Subdistrict 1C												
August 2017	W_	W_	-	W	W	W	W		532.5			
July 2017	W	W	 -	W	W	W		<u></u>	540.0			
August 2016	W	W	W	42,530.6	W	W	W	W	W			
Florida				440444					424.7			
August 2017 July 2017	WW_	<u>W</u> _	- -	14,041.1 13,510.7			<u>W</u>	-	131.7 140.2			
August 2016				13,468.2	· <u>-</u>				140.2			
Georgia	VV	vv		13,408.2		VV	VV		140.1			
August 2017	W	W	_	8,265.8	_	W	W	_	71.4			
July 2017	W	W		8,141.4	-	W	W	-	74.7			
August 2016	W	124.4	W	W	W	W	W	W	W			
North Carolina												
August 2017	W	W	-	W	W	W	W	-	164.4			
July 2017	W	W		W	W	W	W_		159.8			
August 2016	W	W	-	W	W	W	W	-	184.0			
South Carolina												
August 2017	W_	W_		4,562.1		W	W		50.3			
July 2017	W_	W_		4,399.5		W	W		48.7			
August 2016	W	W	-	4,519.0	-	W	W	-	55.8			
Virginia												
August 2017		W_		6,774.6					105.3			
July 2017		W_	-	6,717.1	- -				106.5			
August 2016	W	W	-	6,969.1	-	W	W	-	126.8			
West Virginia												
August 2017	<u>W</u> _		-	664.5		W			9.5			
July 2017	<u>W</u> .	<u>W</u> -	-	635.4 751.5			W	-	10.1			
August 2016	VV	VV	-	/51.5	-	VV	vv	-	10.8			
PAD District 2						222.5						
August 2017		8,202.8_	<u>W</u>	W	1,303.4	329.6	334.1	<u>W</u>	W_			
July 2017 August 2016	8,666.7	8,016.7 8,789.7	$ \frac{W}{W} -$	W	1,528.3 1,693.9	328.4 385.6	333.0 389.9	<u>W</u>	W			
Illinois	8,000.7	0,709.7	VV	VV	1,093.9	363.0	309.9	VV	VV			
August 2017	W	W	_	W	W	W	W	_	99.3			
July 2017	V	V	<u>-</u>	W		W	W		91.9			
August 2016	W	W	<u>-</u>	W	W		W		121.0			
Indiana												
August 2017	W	W	-	W	W	W	W	-	49.7			
July 2017	W_	W_		W	W	W_	W		46.3			
August 2016	W	W	-	W	W	W	W	-	53.1			
Iowa												
August 2017	_ _	W_	-	2,717.3	-	.	-		68.7			
July 2017	- -	W_		2,608.1		 -			63.0			
August 2016	-	W	-	2,609.9	-	-	-	-	64.8			
Kansas												
August 2017		W_		W_	W		W		27.9			
July 2017		W		W	W		<u>W</u>		27.4			
August 2016	W	W	-	4,396.7	1,050.0	W	W	-	35.4			
Kentucky												
August 2017		<u>W</u> _	- -	W	W				14.9			
July 2017		<u>W</u> _	-	W	W		W	-	14.5			
August 2016	W	W	-	W	W	W	W	-	16.3			
Michigan	147	14/		10 170 1		147	147		22.7			
August 2017 July 2017	WW_	W_		10,178.4 9,817.8	-	W W	W	-	22.7 20.6			
August 2016		W		9,817.8 W	- W		<u>v</u> v	_	26.4			
Minnesota	٧V	vv	-	vV	VV	vv	vv	-	40.4			
August 2017	W	W	W	5,104.5	W	W	W	W	W			
July 2017		VV		4,784.1					W			
August 2016	V	V V	v	5,128.1			v	V	VV -			
Missouri	**	••	••	-,0.1	**	••	••	••	•••			
August 2017	-	-	-	3,565.2	-	-	-	-	20.7			
July 2017	<u>-</u>	<u>-</u>		3,595.6	-				19.9			
August 2016				3,313.8					22.3			

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

						All grades				
	Sales to er	nd users	Sal	es for resale		Sales to end	users	Sales for resale		
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bul
Subdistrict 1C										
August 2017	W_	W		W	W	W	W		W	V
July 2017	W	W	-	5,532.8		W	W		W	V
August 2016	W	W	W	W	-	W	W	W	48,664.6	V
Florida										
August 2017	W	W		2,009.6		W_	W_		16,182.4	
July 2017	W_	W		1,992.0		W	W_		15,642.9	
August 2016	W	W	-	1,933.4	-	W	W	-	15,541.7	
Georgia										
August 2017	W	W		1,064.1		W	W		9,401.3	
July 2017	W	W		1,034.1	-	W	W		9,250.1	
August 2016	W	W	W	W	-	W	140.6	W	W	\
North Carolina										
August 2017	W	W	-	W	W	W	W	_	W	\
July 2017	W	W		1,060.8	-	W	W		W	
August 2016	W	W	-	1,066.4	-	W	W		W	\
South Carolina				•						
August 2017	W	W	_	W	W	W	W	_	W	,
July 2017	W	W		463.0		W	W	<u>-</u>	4,911.2	
August 2016	W	W		479.8		W	W		5,054.7	
Virginia	••	••		., 5.0		••	• • • • • • • • • • • • • • • • • • • •		5,05	
August 2017	W	W	_	936.9	_	W	W	_	7,816.8	
July 2017	W	V		944.5		 - - - - - -	v v		7,768.2	
August 2016	W	V V		1,017.2		 - - - - - -	v v		8,113.0	
West Virginia	**	**		1,017.2		**	**		0,113.0	
	W	W		36.1		W	W		710.0	
August 2017	W		-	38.5	- -	vv	W	- -	683.9	
July 2017			-	45.4	- -	vv	W	- -	807.8	
August 2016	VV	VV	-	45.4	-	VV	VV	-	807.8	
PAD District 2										
August 2017	W_	492.1	W	7,389.5	W	W	9,029.1	W_	88,617.7	V
July 2017	W_	502.8	W	7,332.8	W	W	8,852.5	W_	85,688.5	V
August 2016	561.5	572.0	W	7,192.6	W	9,613.8	9,751.7	W	85,748.2	V
Illinois										
August 2017	W_	W		1,237.6		W	W_		W	\
July 2017	W_	W		1,215.2		W	W_		W	\
August 2016	W	W	-	1,247.8	-	W	W	-	W	\
Indiana										
August 2017	W	W	-	W	W	W	W	-	W	٧
July 2017	W	W	-	W	W	W	W		W	V
August 2016	W	W		W	W	W	W		W	V
Iowa										
August 2017	_	_	_	293.1	_	_	W	_	3,079.1	
July 2017	<u>-</u>	<u>-</u>		336.1			W	<u>-</u>	3,007.2	
August 2016			<u>-</u>	320.4		<u>-</u>	W		2,995.0	
Kansas				520			••		2,333.0	
August 2017	_			W	W	W	W	_	4,785.0	857.
										722.
July 2017 August 2016				W 342.0	81.3		W_		4,702.0 4,774.0	1,131.
Kentucky	_	-	_	342.0	01.5	vv	vv	_	4,774.0	1,131.
	14/	14/		2540		14/	14/		14/	,
August 2017	W	<u>W</u>	-	254.8	-		W	- -	W	· \ \
July 2017	W		-	W	W		W	- -	W	· !
August 2016	W	W	-	254.0	-	W	W	-	W	\
Michigan										
August 2017	W_	W	-	W	W	W	W_		W	
July 2017	W_	W	-	W	W		W_		W	
August 2016	W	W	-	745.7	-	W	W	-	W	1
Minnesota										
August 2017	W_	W	W	W	W		W_	W_	5,758.6	'
July 2017	W_	W	W	W	W	W	W_	W_	5,421.4	'
August 2016	W	W	W	W	W	W	W	W	5,807.7	\
Missouri										
August 2017				276.4		.			3,862.3	
July 2017				286.9		 .			3,902.5	
August 2016				258.0					3,594.2	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Regular			Midgrade				
	Sales to e	nd users		Sales for resale		Sales to end	d users	9	Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bull
PAD District 2 (con	t.)									
Nebraska										
August 2017	W_	W_	- _	1,550.9	-	W_	W_		19.9	
July 2017	W_	W_	- _	1,445.8	-	W_	W_		18.3	
August 2016	W	W	-	1,552.7	-	W	W	-	30.1	
North Dakota										
August 2017	W		<u>W</u> _	W	-	W		- -	22.7	
July 2017		<u>W</u> _	<u>W</u> _	W_	-		W		24.3	
August 2016	W	W	W	W	-	W	W	-	29.6	
Ohio	14/	14/		10 120 2		14/	14/		50.0	
August 2017 July 2017		W	- -	10,438.3 9,907.3	·	W			59.9 55.2	
August 2016			· - -	9,711.7	·				60.1	
Oklahoma	vv	VV	_	3,711.7	_	VV	VV	_	00.1	
August 2017	W	W		W	W	W	W		5.3	
July 2017		W	- -	4,351.0	494.5				5.0	
August 2016	VV	<u>v</u> v -	· - -	4,331.0	210.0		W _	<u>-</u> -	6.9	
South Dakota	**	V		-1,200.4	210.0	vv	• •		0.9	
August 2017	W	W	_	1,060.2	_	W	W	_	25.1	
July 2017	W	W	<u>-</u>	992.2		W	W		24.9	
August 2016	W	W	-	1,011.7		W	W		29.1	
Tennessee				,-						
August 2017	W	W	-	9,570.7	-	W	W	-	92.5	
July 2017	W	W	<u>-</u>	9,399.9		W	W		90.9	
August 2016	W	796.3	W	W	-	W	W	W	W	
Wisconsin										
August 2017	W	W	W	W	-	W	W	W	W	
July 2017	W_	W_	W_	W	-	W_	W_	W_	W	
August 2016	W	W	W	W	-	W	W	W	W	
PAD District 3										
August 2017	934.7	972.9	W_	W	W		96.0	W	W	
July 2017	921.9	953.6	W_	W	W	96.5	96.5	W_	W	
August 2016	1,309.4	1,341.3	82.2	47,395.8	14,327.0	115.0	117.9	W	W	
Alabama										
August 2017		W_	- _	4,810.6	-	-	- -		57.1	
July 2017	 -	W_	- _	4,711.5	-	-	- -		60.2	
August 2016	W	W	W	4,238.9	W	W	W	W	W	
Arkansas										
August 2017		- _	- -	3,027.7	-		- -	- -	19.6	
July 2017	- -	- -	- - W	3,005.3 W	·	- W	- -	- - W	19.6	
August 2016	VV	VV	VV	VV	-	VV	VV	VV	W	
Louisiana		W		W	W				23.5	
August 2017 July 2017			· - -						25.0	
August 2016		V	- -	V V					35.5	
Mississippi		**		• • • • • • • • • • • • • • • • • • • •	**				33.3	
August 2017	_	_	_	W	W	_	_	_	27.1	
July 2017	-			W	W				25.7	
August 2016	W	26.3		3,275.5	1,988.7		W		31.9	
New Mexico				,	,					
August 2017	W_	397.8	W_	W	-	W_	W_	W_	W	
July 2017	W	407.7	W_	W	_	W_	W_	W_	W	
August 2016	389.2	399.9	W	W	-	54.3	54.7	W	W	
Texas										
August 2017	W_	W_	W_	29,820.8	w		W_		183.6	
July 2017	W_	W_	W_	30,018.5	W		W_		192.1	
August 2016	W	W	W	29,875.3	W	W	39.6	-	241.7	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Premium			All grades				
	Sales to er	nd users		Sales for resale		Sales to er	nd users		Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (con	nt.)									
Nebraska										
August 2017	- -			170.7	.	W_	W_		1,741.5	_ _
July 2017	- -			166.6	-	W_	W		1,630.7	
August 2016	W	W	-	174.8	-	W	W	-	1,757.6	-
North Dakota										
August 2017	W_	W_	W_	W		W_	W_	W	W	_ _
July 2017	W_	W_	W_	W	-	W_	W_	W	W	_ _
August 2016	W	W	W	W	-	W	W	W	W	-
Ohio										
August 2017	W	W		W	W	W_	W		W	W
July 2017	W_	W_		W	W	W_	W_	 -	W	W
August 2016	W	W	-	W	W	W	W	-	W	W
Oklahoma										
August 2017	W_	W_		W	W	W_	W_		4,943.6	605.2
July 2017	W_	W_		453.1	151.1	W_	W_		4,809.1	645.6
August 2016	W	W	-	415.6	155.8	W	W	-	4,630.9	365.8
South Dakota										
August 2017	W	W		124.9	-	W	W		1,210.2	
July 2017	W	W		123.5	-	W	W		1,140.5	-
August 2016	W	W	-	124.0	-	W	W	-	1,164.8	-
Tennessee										
August 2017	W	W	-	W	W	W	W	-	W	W
July 2017	W	W	<u>-</u>	953.7	-	W	W	<u>-</u>	10,444.5	
August 2016	W	W	W	W	-	W	916.9	W	W	
Wisconsin										
August 2017	W	W	W	W	-	W	W	W	W	-
July 2017	W	W	W	W	-	W	W	W	W	
August 2016	W	W	W	W	-	W	W	W	W	
PAD District 3										
	96.4	103.4	W	5,282.1	W	1,127.1	1,172.3	W	54,070.8	W
August 2017	95.4	100.1	v v	5,392.9	W			v v		W
July 2017 August 2016	116.8	120.0	v v -		968.7	1,113.7 1,541.2	1,150.2_ 1,579.3	95.8	54,086.3 53,099.3	15,295.8
-	110.6	120.0	VV	VV	906.7	1,341.2	1,379.3	93.0	33,033.3	15,295.6
Alabama		W		W	W		14/		14/	W
August 2017	- -	W	- _		<u>v</u> v	- -	W_	- -	W	vv _
July 2017	- -		- - W	444.7 W		- -	<u>W</u> _	W	5,216.4	- -
August 2016	VV	23.7	VV	VV	-	VV	VV	VV	4,692.4	VV
Arkansas				204.0					2 252 2	
August 2017	- -		- -	304.9	-	- -	- -	- -	3,352.2	- -
July 2017		- -	 -	314.3	-	 -	 -		3,339.2	- -
August 2016	W	W	W	W	-	W	W	W	W	-
Louisiana										
August 2017	- -	- -		W_			<u>W</u> _	- -	6,548.0	886.9
July 2017	- -		- -	W	<u>W</u>		<u>W</u> _	- -	6,390.6	680.2
August 2016	-	-	-	W	W	-	W	-	6,211.0	1,589.4
Mississippi										
August 2017	 _		- -	W_	W	- -	- -	- _	3,494.2	1,995.3
July 2017	- -	 -		251.7		<u></u> -	 -	- -	W	W_
August 2016	W	W	-	W	W	W	29.0	-	W	W
New Mexico										
August 2017	W_	$_\ _\ _\ _\ _\ \underline{W}_$	W_	W	-	W_	501.4	W_	W	- -
July 2017		W_	W_	W_	-	W_	514.0_	W_	W	- -
August 2016	47.5	48.1	W	W	-	491.0	502.7	W	W	-
Texas										
August 2017		W_		3,468.9	W		W_		33,473.3	W_
July 2017		W	W_	3,610.2	W				33,820.6	W_
August 2016	W	W	W	3,644.8	W	W	W	W	33,761.8	W

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Regular					Midgrade		
	Sales to e	nd users		Sales for resale		Sales to er	nd users		Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
August 2017	W	407.1	W	11,474.5	W	81.6	84.1		158.4	
July 2017	W	411.4	W	11,655.0	W	83.0	84.8	-	175.7	-
August 2016	410.7	430.6	W	W	W	84.1	85.9		162.2	
Colorado										
August 2017	160.0	163.4	W	W	W	45.5	46.7	_	71.7	
July 2017	165.2	168.9	W	W	W		47.1	<u>-</u>	69.3	
August 2016	165.6	168.8				46.7	48.0		87.9	
Idaho	105.0	100.0	**	vv		40.7	40.0		07.5	
	14/	W		1 500 2		W	14/		0.0	
August 2017			- -	1,500.3	.			-	9.8	
July 2017			· - -	1,618.4	.		<u>W</u> _	-	23.9	
August 2016	W	W	-	1,363.5	-	W	W	-	10.3	
Montana										
August 2017	W_	W_	- -	1,473.1		W_	W_		4.9	
July 2017	W_	W	 _	1,498.4	-	W_	W_		4.9	
August 2016	W	W	-	W	W	W	W	-	10.2	
Utah										
August 2017	W	W	W	W	W	W	W	-	54.0	
July 2017	W	W	W	W	W	W	W		58.2	
August 2016	W	W	W	2,693.2	W	W	W		41.5	
Wyoming	••	•••	•••	2,055.2	•••	•••	•••		12.0	
August 2017	W	11.6	_	1,054.2	_	W	W		17.8	
July 2017	V V	12.3	·	1,043.1		W	W		19.5	
	VV	W	- -		·	vv -	W	-	12.3	
August 2016	VV	VV	-	1,003.4	-	VV	VV	-	12.3	
PAD District 5										
August 2017	4,248.4	4,316.8	16,170.1	30,849.4	1,974.0	660.7	665.5	267.6	379.2	
July 2017	4,169.9	4,231.4	15,860.7	29,579.1	1,925.7	654.7	659.7	265.6	367.1	
August 2016	4,067.1	4,120.4	17,028.4	28,681.5	3,553.3	681.0	682.0	W	W	
Alaska										
August 2017	W	W	85.5	W	W	W	W	W	W	
July 2017	W	W	84.0	W	W	W	W	W	W	
August 2016			87.3			W				
-	VV	vv	67.3	VV	VV	VV	VV	vv	VV	
Arizona	141	144	144	4.250.0		141	141	147	14/	
August 2017	W_			4,258.9	W		W	W_	W	
July 2017	W_			4,133.3	W		W	W_	W	
August 2016	W	W	W	4,119.7	W	W	W	W	W	
California										
August 2017	3,073.9	3,075.7	W	15,761.2	W	W_	W_	170.4	230.9	
July 2017	2,989.6	2,991.4	W_	14,903.5	W	W_	W_	168.8	220.8	
August 2016	W	W	12,528.8	14,614.4	2,518.2	W	W	213.0	253.9	
Hawaii										
August 2017	W	W	W	W	NA	W	W	W	W	
July 2017	W	W	W	W	W	W	W	W	W	
August 2016	W	W	W	W	W	W	W	W	W	
Nevada	**	**	**	**	**	**	**	**	• • • • • • • • • • • • • • • • • • • •	
August 2017	W	W	W	1,492.3	W	W	W	W	W	
July 2017	v v	<u>v</u> v -		1,492.3		vv -	W	W		
August 2016	v v	<u>v</u> v -		1,388.6				W		
-	VV	VV	W	1,388.0	VV	VV	W	VV	VV	
Oregon										
August 2017	98.8	98.8	854.5	W	W		6.9_	W_	W	
July 2017	101.6	101.6	W	3,258.7	W			4.5	14.4	
August 2016	99.4	99.4	W	2,742.0	W	7.4	7.4	W	W	
Washington										
August 2017	302.3	310.3	1,119.5	5,349.0	-		32.1	18.5	55.6	
July 2017	308.3	316.3	W	5,279.4	W		32.7	W	W	
August 2016	271.9	279.9		W	W		31.4	W	W	
August 2010	2/1.9	2/9.9	1,257.3	VV	VV	31.1	31.4	VV	VV	

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.) thousand gallons per day

			Premium					All grades		
	Sales to e	nd users		Sales for resale		Sales to end	d users		Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bul
PAD District 4										
August 2017		86.9	W	2,611.8	W	W_	578.2	W	14,244.6	V
July 2017		88.6	W	2,643.0	W	W_	584.7	W	14,473.6	V
August 2016 Colorado	84.5	89.8	W	W	W	579.4	606.4	W	13,921.1	V
August 2017	36.3	36.4	W	W	_	241.8	246.5	W	5,966.1	V
July 2017	37.5	37.6	W			249.0	253.6		5,868.6	
August 2016	38.7	38.8	W	W		251.1	255.6	W	W	-
August 2017	W	W	_	277.1		W	W		1,787.3	
		V V	·	307.2	⁻	vv	v v			
July 2017			- -		-				1,949.5	
August 2016 Montana	W	W		248.1	-	W	W		1,621.8	
August 2017	W	W	- .	343.4	-	W_	W_		1,821.4	
July 2017	W	W		350.5	-	W_	W		1,853.8	
August 2016 Utah	W	W	-	340.7	-	W	W	-	W	٧
August 2017	W	W	W	W	W	W_	W_	W	3,395.7	V
July 2017	W	W	W	W	W	W	W	W	3,536.1	V
August 2016 Wyoming	W	W	W	739.9	W	W	W	W	3,474.6	V
August 2017	W	W	-	202.0	-	W	15.1	-	1,274.1	
July 2017 August 2016		W	-	203.1 184.1		W	15.9 W		1,265.6 1,199.8	
PAD District 5										
August 2017	1,130.8	1,137.7	4,625.1	6,400.5	328.3	6,040.0	6,119.9	21,062.8	37,629.1	2,302.
July 2017	1,129.2	1,135.9	4,565.8	6,204.2	337.8	5,953.8	6,027.0	20,692.1	36,150.6	2,263.
August 2016	1,154.3	1,159.7	4,794.4	W	<u> </u>	5,902.4	5,962.1	20,092.1_ W	35,178.8	\ \
Alaska	1,134.3	1,139.7	4,734.4	VV	VV	5,902.4	3,902.1	VV	33,176.6	V
August 2017	W	W	W	W	-	W	W	104.7	W	V
July 2017	W	W	W	W	W	W		103.1	W	· V
August 2016		V V		38.7	v v	vv	V	106.8		v
Arizona										
August 2017	W	W	188.3	W	W	W	W_	W	4,864.8	V
July 2017	W	W	175.3	W	W	W	W_	W	4,689.7	V
August 2016	W	W	180.8	W	W	W	W	W	4,664.0	V
California										
August 2017	W	W_	W	3,883.3	W	4,571.0	4,572.9	15,749.0	19,875.4	1,932.
July 2017	W_	W_	W	3,766.9	W	4,482.1	4,483.9	15,466.1	18,891.1	1,751.
August 2016 Hawaii	W	W	3,849.5	3,746.9	282.3	W	W	16,591.1	18,615.1	2,800.
August 2017	W	W	W	W	NA	W	W	W	W	N.
			<u>v</u> v . W		NA		W	W		
July 2017 August 2016			<u>v</u> v . W				W	W		<u>V</u>
Nevada	••	••				••			•	•
August 2017	W	W	W	W	W	W	W	W	1,898.5	V
July 2017	W	W	W	W	W	W	W	W	1,735.9	V
August 2016	W	W	W	W	W		W	W	1,751.8	V
Oregon	153	15.2	111 -	440 5		120.0	120.0	*/	2 021 0	
August 2017	15.2	15.2	141.5	448.5			120.9	W_	3,821.6	\
July 2017	15.9	15.9	W				124.5	992.8	3,724.4	76.
August 2016	15.4	15.4	147.4	W	W	122.2	122.2	W	3,146.0	٧
Washington										
August 2017	52.5	53.2	251.9	1,027.2	-		395.6_	1,390.0	6,431.8	<u>-</u>
July 2017	52.4	53.0	249.7				402.0_	W_	6,366.0	V
August 2016	49.2	49.6	276.2	1,006.5	-	352.1	360.8	W	6,224.9	V

^{- =} No data reported.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 are final. Totals may not equal the sum of the components due to rounding. Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[[]a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state thousand gallons per day

Conventional Sales to end users Sales for resale Geographic area month Through retail outlets Total[a] DTW Bulk **United States** August 2017 15,522.7 15,763.2 4,983.5 195,823.4 14,566.1 July 2017 15,232.3 15,453.0 4,948.7 190,663.5 10,695.9 17,079.3 5,243.9 August 2016 16,820.1 188,548.4 20,568.1 PAD District 1 W W W 52,187.1 W August 2017 W W July 2017 W 50,286.8 W August 2016 W W W 50,870.8 W Subdistrict 1A August 2017 W W July 2017 W W August 2016 W W Connecticut August 2017 July 2017 August 2016 Maine August 2017 W W July 2017 W W August 2016 W W Massachusetts August 2017 July 2017 August 2016 New Hampshire August 2017 July 2017 W W August 2016 W W Rhode Island August 2017 July 2017 August 2016 Vermont August 2017 W W July 2017 W W August 2016 W W Subdistrict 1B August 2017 W W W 6,433.0 W July 2017 W W W 5,901.6 W August 2016 W W W W 1,266.3 Delaware August 2017 July 2017 August 2016 District of Columbia August 2017 July 2017 August 2016 Maryland August 2017 W July 2017 525.6 W August 2016 W **New Jersey** August 2017 W July 2017 185.9 August 2016 New York August 2017 W W W W W W July 2017 W W W W W W W 2,746.4 August 2016 W Pennsylvania August 2017 W W W W W July 2017 August 2016 W W W W

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		F	Reformulated		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
United States					
August 2017	9,399.5	9,423.1	18,019.1	78,834.2	2,729.3
July 2017	9,343.0	9,359.9	17,663.8	77,251.1	2,810.
August 2016	9,427.9	9,453.6	18,684.5	78,619.2	3,108.1
PAD District 1					
August 2017	W	W	W	27,908.1	V
July 2017		W	w	27,228.8	V
August 2016	W	W	w	28,349.1	W
Subdistrict 1A					
August 2017	W	W	W	4,812.9	V
July 2017				4,622.5	
August 2016	 W	W	. W	W	
Connecticut					
August 2017	-	W	W	W	N/
July 2017	-	W	W	W	N/
August 2016	-	W	W	2,513.8	V
Maine					
August 2017		-	-	W	
July 2017	-		.	W	
August 2016	-	-	-	W	
Massachusetts					
August 2017	W	W	W	W	
July 2017	W	W	W	W	
August 2016	W	W	W	W	
New Hampshire					
August 2017	<u>W</u>	<u>W</u>	-		
July 2017		W			
August 2016	W	VV	-	-	
Rhode Island	W	W	W	NIA	V
August 2017 July 2017		<u>v</u> v		NA NA	<u>V</u>
August 2016	W	vv	vv W	896.4	<u>v</u>
Vermont	••	**	**	030.4	•
August 2017	-	-	_	-	
July 2017	<u>-</u>	-		<u>-</u>	
August 2016	-		-		
Subdistrict 1B					
August 2017	W	W	W	18,820.4	V
July 2017		W	w	18,343.6	V
August 2016	W	W	W	W	V
Delaware					
August 2017	W W	W W	-	1,230.5	
July 2017	W W	W	_	1,182.5	
August 2016	W	W	-	1,155.2	
District of Columbia					
August 2017	- -	-	-		
July 2017			-		
August 2016	-	-	-	-	
Maryland					
August 2017	-		-	WW	
July 2017		-	- W	3,583.8	
August 2016	-	VV	VV	W	
New Jersey August 2017	W	W	W	7,754.0	V
July 2017				7,754.0	<mark>v</mark>
August 2016	vv W			W	<u>v</u>
New York	••	**	**	**	
August 2017	W	W	W	W	
July 2017		vv			
August 2016				3,323.2	V
Pennsylvania			••	-,	•
August 2017	ww	W		W	V
July 2017	w	W	.	W	V
August 2016	W	W	<u>-</u>	W	V

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

			All formulations		
	Sales to e			Sales for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu
United States					
August 2017	24,922.1	25,186.3	23,002.6	274,657.5	17,295.
July 2017	24,575.3	24,812.9	22,612.5	267,914.6	13,506.
August 2016	26,248.0	26,532.9	23,928.4	267,167.5	23,676.
PAD District 1					
August 2017	8,271.4	8,286.8	W_	80,095.2	<u>V</u>
July 2017	8,187.9	8,198.5	W	77,515.7	V
August 2016	8,611.2	8,633.4	W	79,220.0	V
Subdistrict 1A					
August 2017	W	W	W	W	V
July 2017	W	W	W	W	V
August 2016	W	W	W	5,191.2	V
Connecticut					
August 2017		W	W	W	N
July 2017		W	W	W	N.
August 2016	-	W	W	2,513.8	· · · · · · · · · · · · · · · · · · ·
Maine					
August 2017	-	-	W	W	
July 2017	-		W	W	
August 2016			W	W	
Massachusetts					
August 2017	W	W	W	W	
July 2017		W	W	W	
August 2016		W	W	W	
New Hampshire	••			••	
August 2017	W	W	W	W	
July 2017	W		W		
August 2016	W		W		
Rhode Island	••	••	**	••	
August 2017	W	W	W	NA	V
July 2017		W	W - W	NA NA	· · · · · · · · · · · · · · · · · · ·
August 2016		W	W - W	896.4	V
Vermont	***	***	**	050.4	v
August 2017			W	W	
July 2017			<u>v</u> v		
August 2016			<u>v</u> v - W		
_			**	**	
Subdistrict 1B	4.422.6	4.422.6	141	25.252.5	
August 2017	4,132.6	4,132.6	<u>W</u> -	25,253.5	V
July 2017	4,141.0	4,141.0	<u>W</u> -	24,245.3	V
August 2016	4,172.5	4,174.5	W	25,364.1	V
Delaware					
August 2017	W_		- -	1,230.5	
July 2017	W_		- -	1,182.5	
August 2016	W	W	-	1,155.2	
District of Columbia					
August 2017			- -		
July 2017			- -		
August 2016	-	-	-	-	
Maryland					
August 2017			. .	4,367.1	
July 2017				4,109.5	
August 2016	-	W	W	4,396.3	V
New Jersey					
August 2017	$_________________W_$	W	W_	7,754.0	
July 2017	$_________________W_$	W		7,666.6	<u>V</u>
August 2016	W	W	W	W	185.
New York					
August 2017	2,565.1	2,565.1	W_	<u>W</u> _	
July 2017	2,571.7	2,571.7	W_	<u>W</u> _	<u>V</u>
August 2016	2,549.5	2,549.5	W	6,069.5	V
Pennsylvania					
August 2017	W_	W		W	
July 2017	W	W		W	V
				W	V

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		Co	nventional		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
Subdistrict 1C					
August 2017	W	W	-	W	
July 2017	W	W	.	W	W
August 2016	W	3,584.1	W	44,029.6	W
Florida					
August 2017	W	W	-	16,182.4	
July 2017	W	W	<u>-</u>	15,642.9	
August 2016	W	W		15,541.7	
Georgia					
August 2017	W	W		9,401.3	
July 2017	W	W		9,250.1	
August 2016	W	140.6	W	W	
=	vv	140.0	VV	VV	V
North Carolina					
August 2017	W	<u>W</u>	- 	W	<u> </u>
July 2017	W			W	<u>W</u>
August 2016	W	W	-	W	W
South Carolina					
August 2017	W	W	.	W	V
July 2017				4,911.2	
August 2016	W	W	<u>-</u>	5,054.7	
Virginia				-,	
August 2017	W	W		3,542.0	
				3,505.5	
July 2017		W	· 		
August 2016	W	W	-	3,478.0	
West Virginia					
August 2017	W			710.0	
July 2017			-	683.9	
August 2016	W	W	-	807.8	
PAD District 2					
	7,333.1	W	W	W	W
August 2017					
July 2017	7,175.5	W	<u>W</u>	W	2,025.9
August 2016	W	W	W	73,038.6	W
Illinois					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	34.9	-	W	W
Indiana					
August 2017	W	W	-	W	W
July 2017	W	W	-	W	W
August 2016	W	w	-	W	W
lowa					-
August 2017		W		3,079.1	
			· - 		
July 2017	-		· - 	3,007.2	
August 2016	-	W	-	2,995.0	
Kansas					
August 2017	W	W	-	4,785.0	857.6
July 2017	W W	W	-	4,702.0	722.1
August 2016	W	W	-	4,774.0	1,131.3
Kentucky					
August 2017	W	W	_	W	V
July 2017		W		W	
August 2016	W		·	W	<u>v</u>
	vv	vv		vv	V
Michigan					
August 2017	W	W	-	\bar{M}	<u>V</u>
_ July 2017					<u>W</u>
August 2016	W	W	-	W	V
Minnesota					
August 2017	W	W	W	5,758.6	V
July 2017	W	W	W	5,421.4	W
August 2016		W	W	5,807.7	
Missouri	**	**	**	3,307.7	**
August 2017				3,139.3	
	-	- 	· -		
July 2017August 2016	-	-	-	3,163.2 W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		Re	formulated		
	Sales to end users		Sa	les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bull
Subdistrict 1C					
August 2017	<u>-</u>	-	-	4,274.8	
July 2017	-	-	-	4,262.6	
August 2016	-		-	4,635.1	
Florida				,	
August 2017	_	-	_	_	_
July 2017			<u>-</u>		
August 2016		<u>-</u>	· <u>-</u>	<u>-</u>	
Georgia					
August 2017	-	-	-	-	
July 2017	-	-	-	-	
August 2016	-	-	-	-	•
North Carolina					
August 2017	.	-	-	-	
July 2017	.		.		
August 2016	-	-	=	-	
South Carolina					
August 2017	-	-	_	-	
July 2017				<u>-</u>	
August 2016			· 		
	-	-	-	-	
Virginia					
August 2017		_ 	-	4,274.8	
July 2017	-	-	-	4,262.6	
August 2016	-	W	-	4,635.1	
West Virginia					
August 2017	-	-	-	-	
July 2017	<u>-</u>		<u>-</u>		
August 2016	-				
PAD District 2					
August 2017		W	-	W	W
July 2017	W W	W W	-	W	W
August 2016	W	W	-	12,709.6	
Illinois					
August 2017	W	W	_	W	W
July 2017	W	W			W
August 2016		vv		8,264.0	<u>v</u> v
	vv	VV	-	8,204.0	
Indiana					
August 2017		W		1,099.1	
July 2017	W		- -	1,079.3	
August 2016	W	W	-	963.4	
Iowa					
August 2017	-	-	-	-	
July 2017	<u>-</u>		<u>-</u>	<u>-</u>	
August 2016					
Kansas					
August 2017	-	_ 	· -		
July 2017	-	-	.		
August 2016	-	-	-	-	
Kentucky					
August 2017		W		1,022.8	
July 2017	W	W		1,011.0	
August 2016	W	w	-	W	
Michigan					
August 2017			_		
July 2017		- 	-		
		-	· 	-	
August 2016	-	-	-	-	
Minnesota					
August 2017	-	_	.		
July 2017	-		-		
August 2016	-	-	-	-	
Missouri					
August 2017			_	723.0	
July 2017	· 		· 	739.2	
July 2017	.	- 	-	/39.2	
August 2016	-	-	-	W	-

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

		All f	ormulations		
	Sales to end users			les for resale	
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul
Subdistrict 1C					
August 2017	W	W	-	W	
July 2017	W	W	-	W	
August 2016	W	W	W	48,664.6	W
Florida					
August 2017	W	W	<u>-</u>	16,182.4	
July 2017	W	W		15,642.9	
August 2016	W	W	-	15,541.7	
Georgia					
August 2017	W	W	-	9,401.3	
July 2017	W	W		9,250.1	
August 2016	W	140.6	W	W	W
North Carolina					
August 2017	W	W	-	W	W
July 2017	W	W		w	W
August 2016		W		W	W
South Carolina					
August 2017	W	W	_	W	W
July 2017		W	-	4,911.2	<u>v</u>
August 2016	vv W	W		5,054.7	
_	vv	VV	-	3,034.7	
Virginia	147			7.046.0	
August 2017	<u>W</u>	W		7,816.8	
July 2017	<u>W</u>	<u>W</u>		7,768.2	
August 2016	W	W	-	8,113.0	•
West Virginia					
August 2017	W	\bar{w}	. 	710.0	
July 2017	W	\bar{w}	. 	683.9	
August 2016	W	W	-	807.8	
PAD District 2					
August 2017	W	9,029.1	W	88,617.7	W
July 2017	W	8,852.5	W	85,688.5	W
August 2016	9,613.8	9,751.7	W	85,748.2	W
Illinois	5,5=2.5	2,12=11		55,1 1512	
August 2017	W	W	_	W	W
July 2017		W		vv W	
August 2016		W	<u>-</u>	W	
Indiana	vv	**		**	V
August 2017	W	W		W	W
July 2017		W W			V
August 2016	 				V
_	VV	VV	-	VV	V
lowa					
August 2017	-	W	-	3,079.1	
July 2017	-	W	-	3,007.2	
August 2016	-	W	-	2,995.0	•
Kansas					
August 2017	W	W	-	4,785.0	857.6
July 2017	W	W	. 	4,702.0	722.1
August 2016	W	W	-	4,774.0	1,131.3
Kentucky					
August 2017	W W	W	-	W	
July 2017	W	WW	.	W	W
August 2016	W	W	-	W	W
Michigan					
August 2017	W	W	_	W	W
July 2017	W	W	-	W	W
August 2016	 	W	-	W	
Minnesota		••			•
August 2017	W	W	W	5,758.6	W
July 2017	<u>w</u> v	<u>w</u> v		5,421.4	
August 2016				5,807.7	
	vv	vv	vv	3,007.7	V
Missouri				2 962 2	
August 2017 July 2017	-	-		3,862.3	
	-		· 	3,902.5	
August 2016	-	-	-	3,594.2	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional										
	Sales to end users		Sa	Sales for resale							
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk						
PAD District 2 (cont.) Nebraska											
August 2017	W	WW		1,741.5							
July 2017	W W	W	-	1,630.7							
August 2016	W	W	-	1,757.6							
North Dakota											
August 2017	W	W	W	W							
July 2017		w	W	W							
August 2016	W	W	W	W							
Ohio											
August 2017	W	W	-	W	V						
July 2017	W	W	<u>-</u>	W							
August 2016		W	<u>-</u>	W	V						
Oklahoma											
August 2017	W	W	_	4,943.6	605.2						
July 2017	 	W		4,809.1	645.0						
August 2016	 	W		4,630.9	365.						
South Dakota		**		4,030.3	303.0						
August 2017	W	W		1,210.2							
July 2017				1,140.5							
August 2016	vv W	W									
=	VV	VV	-	1,164.8	•						
Tennessee	147	***									
August 2017	<u>W</u>	<u>W</u>	-	W	<u>W</u>						
July 2017	<u>W</u>	W	-	10,444.5							
August 2016	W	916.9	W	W							
Wisconsin											
August 2017	W	58.7		$-\ -\ -\ -\ -\ -\ \underline{W}-\ -\ -\ -\ -$							
July 2017	<u>W</u>	60.6									
August 2016	63.1	64.1	W	W	-						
PAD District 3											
August 2017	1,127.1	1,172.3	W	39,097.3	W						
July 2017	1,113.7	1,150.2	W	W	W						
August 2016	1,541.2	1,579.3	95.8	37,287.8	15,295.8						
Alabama											
August 2017	-	W	-	W	W						
July 2017	-	w	-	5,216.4							
August 2016	W	w	w	4,692.4							
Arkansas				,							
August 2017	-	-	_	3,352.2							
July 2017		<u>-</u>		3,339.2							
August 2016			W	W							
Louisiana	-										
August 2017		W		6,548.0	886.9						
July 2017		W		6,390.6	680.2						
August 2016		W		6,211.0	1,589.4						
=		vv		0,211.0	1,303						
Mississippi		-		2 404 2	1.005.3						
August 2017			· 	3,494.2 W	1,995.3 W						
July 2017	-	20.0			<u>v</u> v						
August 2016	vv	29.0	-	vv	V						
New Mexico	14/	504.4									
August 2017		501.4									
July 2017	<u>W</u>	514.0	<u>W</u>								
August 2016	491.0	502.7	W	W							
Texas											
August 2017	<u>W</u>	W		W							
July 2017	<u>W</u>	W									
August 2016	W	W	W	W	W						

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated										
	Sales to end users		Sales for resale								
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu						
PAD District 2 (cont.)											
Nebraska											
August 2017	_	_	_	-							
July 2017											
August 2016											
North Dakota											
August 2017											
											
July 2017		- 									
August 2016	-	-	-	-							
Ohio											
August 2017		-									
July 2017		-									
August 2016	-	-	-	-							
Oklahoma											
August 2017	-	-	-	-							
July 2017	-	-	-	-							
August 2016	-	-	-	-							
South Dakota											
August 2017				_							
July 2017											
August 2016	-	-	-	-							
Tennessee											
August 2017	_	_	_	_							
July 2017											
August 2016											
Wisconsin											
August 2017	W	W		1,633.6							
July 2017				1,521.6							
August 2016		vv	-	W							
PAD District 3											
August 2017	_	_	_	14,973.5							
July 2017				WW							
August 2016				15,811.5							
	-	-	-	15,811.5							
Alabama											
August 2017	<u>-</u>										
July 2017											
August 2016	-	-	-	-							
Arkansas											
August 2017		-									
July 2017		- 									
August 2016	-	-	-	-							
Louisiana											
August 2017		-									
July 2017	-	-									
August 2016	-	-	-	-							
Mississippi											
August 2017	-	<u> </u>	-	-							
July 2017	<u>-</u>			-							
August 2016		_									
New Mexico											
August 2017	-	_	_	_							
July 2017				<u>-</u>							
August 2016		-									
Texas	-	-	-	-							
				147							
August 2017	_		-	W							
July 2017 August 2016		-									
August 2016	-	-	-	W							

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	All formulations										
	Sales to end users		Sales for resale								
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk						
PAD District 2 (cont.)											
Nebraska											
August 2017	W	W	_	1,741.5							
July 2017	W	W		1,630.7							
August 2016	W	W		1,757.6							
North Dakota				,							
August 2017	W	W	W	W	_						
July 2017	W	W	W	W							
August 2016	W	W	W	W							
Ohio		••	••	••							
August 2017	W	W	_	W	W						
July 2017	W	vv W		W	W						
August 2016	W	W		W							
	VV	VV		VV	V						
Oklahoma	14/	14/		4.042.6	COF						
August 2017		W		4,943.6	605.2						
July 2017				4,809.1	645.6						
August 2016	VV	W	-	4,630.9	365.8						
South Dakota											
August 2017			-	1,210.2							
July 2017	<u>W</u>	<u>W</u>		1,140.5							
August 2016	W	W	-	1,164.8							
Tennessee											
August 2017	W W	W	_	W	W						
July 2017	W W	W	-	10,444.5							
August 2016	W	916.9	W	W	-						
Wisconsin											
August 2017	W	W	W	W							
July 2017	W	W	W	W							
August 2016	W	W	W	W	-						
PAD District 3											
August 2017	1,127.1	1,172.3	W	54,070.8	W						
July 2017	1,113.7	1,150.2	W	54,086.3	W						
August 2016	1,541.2	1,579.3	95.8	53,099.3	15,295.8						
Alabama											
August 2017	-	W	-	W	W						
July 2017	-	w		5,216.4							
August 2016	W	w	w	4,692.4	W						
Arkansas											
August 2017	-	_	_	3,352.2							
July 2017				3,339.2							
August 2016	W	W		W							
Louisiana											
August 2017	_	W		6,548.0	886.9						
July 2017			<u>-</u>	6,390.6	680.2						
August 2016		 	<u>-</u>	6,211.0	1,589.4						
Mississippi		**		0,211.0	1,303.4						
August 2017				3,494.2	1,995.3						
July 2017				141							
August 2016		29.0		W							
_	vv	23.0	-	vv	V						
New Mexico	347	FC4 4	147	347							
August 2017		501.4	W	<u>W</u>							
July 2017	WW	514.0									
August 2016	491.0	502.7	W	W	•						
Texas											
August 2017		W	W	33,473.3							
July 2017			W	33,820.6	<u>W</u>						
August 2016	W	W	W	33,761.8	W						

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional										
	Sales to end users		Sa	les for resale							
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bulk						
PAD District 4											
August 2017	W	578.2	W	14,244.6	W						
July 2017	W	584.7	w	14,473.6	W						
August 2016	579.4	606.4	W	13,921.1	W						
Colorado	373.4	000.4	••	13,321.1	**						
	244.0	246.5	147	F.055.4							
August 2017	241.8	246.5	W	5,966.1							
July 2017	249.0	253.6	W	5,868.6	<u>M</u>						
August 2016	251.1	255.6	W	W							
Idaho											
August 2017	W	W	<u> </u>	1,787.3							
July 2017	W	W	<u>-</u>	1,949.5							
August 2016	W	W		1,621.8							
_	••	**		1,021.0							
Montana	14/	147		4.024.4							
August 2017	<u>W</u>	W	-	1,821.4							
July 2017		W	_ 	1,853.8							
August 2016	W	W	-	W	V						
Utah											
August 2017	W	W	W	3,395.7	V						
July 2017	W	W		3,536.1							
August 2016	W	W	W	3,474.6	V						
Wyoming											
August 2017	W W	15.1	_ 	1,274.1							
July 2017	W	15.9	-	1,265.6							
August 2016	W	W		1,199.8							
PAD District 5											
	W	1 544 1	W	W	W						
August 2017		1,544.1									
July 2017	W W	1,540.2	W	14,115.3	<u>M</u>						
August 2016	W	W	W	13,429.8	W						
Alaska											
August 2017	W	W	104.7	W	W						
July 2017	W	W	103.1	w	W						
August 2016	. W	- 0 W	106.8		W						
=	**	**	100.0	**	•						
Arizona											
August 2017		W	464.2	W							
July 2017	W	W	457.9	W							
August 2016	W	W	W	W							
California											
August 2017	_	_	_	_	W						
July 2017											
	- -										
August 2016	-	-	-	-	V						
Hawaii											
August 2017	W	W	W	W	NA						
July 2017	W	W	W	W	V						
August 2016	W	W	W	W	W						
_	••	••	••	••	•						
Nevada											
August 2017		W	W	1,898.5	W						
July 2017	W W	W	W	1,735.9	<u>W</u>						
August 2016	W	W	W	1,751.8	V						
Oregon											
August 2017	120.9	120.9	W	3,821.6	V						
July 2017	124.5	124.5	992.8	3,724.4	76.:						
August 2016	122.2	122.2	W	3,146.0	V						
Washington											
August 2017	386.6	395.6	1,390.0	6,431.8							
July 2017	393.1	402.0	W	6,366.0	W						
August 2016	352.1	360.8		6,224.9	W						
August 2010	334.1	300.0	VV	0,224.3	VV						

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated											
	Sales to end users		Sa	Sales for resale								
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bu							
PAD District 4												
August 2017												
July 2017	-		-	-								
August 2016	-	-	-	-								
Colorado												
August 2017	_	_	_	_								
July 2017												
August 2016												
Idaho												
August 2017	-	-										
July 2017	-	-	-									
August 2016	-	-	-	-								
Montana												
August 2017	.	-	-									
July 2017	-											
August 2016	-	-	-	-								
Utah												
August 2017	_	_	_	_								
July 2017												
August 2016												
Wyoming												
August 2017	-	-	-									
July 2017	-											
August 2016	-	-	-	-								
PAD District 5												
August 2017	W	4,575.9	W	W	V							
July 2017		4,486.8	W	22,035.3	V							
August 2016	W	W	W	21,749.0	v							
_	VV	vv	VV	21,749.0	v							
Alaska												
August 2017	-	-										
July 2017	-											
August 2016	-	-	-	-								
Arizona												
August 2017	-	W	W	W	\							
July 2017		W	W	W								
August 2016	-	W	W	W	\							
California												
August 2017	W	W	15,749.0	19,875.4	V							
July 2017	W	W	15,466.1	W								
August 2016	W	W	16,591.1	W								
Hawaii		**	10,331.1	••	•							
August 2017	-			- -								
July 2017	-	-										
August 2016	-	-	-	-								
Nevada												
August 2017	-	-										
July 2017	-		-									
August 2016	-	-	-	-								
Oregon												
August 2017	-	_	-	_								
July 2017												
August 2016												
Washington												
August 2017	-		-									
July 2017												
August 2016	-	-										

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

	All formulations										
	Sales to end users		Sa	les for resale							
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bull						
PAD District 4											
August 2017	W	578.2	W	14,244.6	W						
July 2017	W	584.7	W	14,473.6	W						
August 2016	579.4	606.4	W	13,921.1	W						
Colorado											
August 2017	241.8	246.5	W	5,966.1	W						
July 2017	249.0	253.6	W	5,868.6	W						
August 2016	251.1	255.6	W	W							
Idaho											
August 2017	W	W	-	1,787.3							
July 2017	 W	W	<u>-</u>	1,949.5							
August 2016	 W	W	<u>-</u>	1,621.8							
Montana	••	**		1,021.0							
August 2017	W	W		1,821.4							
July 2017		vv		1,853.8							
August 2016		vv		W	W						
=	VV	VV	-	vv	V						
Utah											
August 2017				3,395.7	<u>W</u>						
July 2017	W	W	$-\ -\ -\ -\ -\ -\ -\ \overline{W}-\ -\ -\ -\ -$	3,536.1	M						
August 2016	W	W	W	3,474.6	W						
Wyoming											
August 2017	W	15.1		1,274.1							
July 2017	W	15.9		1,265.6							
August 2016	W	W	-	1,199.8							
PAD District 5											
August 2017	6,040.0	6,119.9	21,062.8	37,629.1	2,302.3						
July 2017	5,953.8	6,027.0	20,692.1	36,150.6	2,263.5						
August 2016	5,902.4	5,962.1	W	35,178.8	W						
Alaska	,	ŕ		,							
August 2017	W	W	104.7	W	W						
July 2017		- v W	103.1	W	V						
August 2016		- v W	106.8	 	V						
Arizona		**	100.0	••	**						
	W	W	W	4,864.8	W						
August 2017											
July 2017	<u>W</u> W	W		4,689.7							
August 2016	VV	VV	VV	4,664.0	VV						
California											
August 2017	4,571.0	4,572.9	15,749.0	19,875.4	1,932.5						
July 2017	4,482.1	4,483.9	15,466.1	18,891.1	1,751.7						
August 2016	W	W	16,591.1	18,615.1	2,800.5						
Hawaii											
August 2017	W W	W	W	W	NA						
July 2017	W W	W	W	W	W						
August 2016	W	W	W	W	W						
Nevada											
August 2017	W	W	W	1,898.5	W						
July 2017			W	1,735.9							
August 2016	W		W	1,751.8	W						
Oregon				,							
August 2017	120.9	120.9	W	3,821.6	W						
July 2017	124.5	124.5	992.8	3,724.4	76.1						
August 2016	122.2	122.2	W	3,146.0							
	122.2	122.2	vv	3,140.0	V						
Washington	200.0	205.6	1 200 0	6 424 0							
August 2017	386.6	395.6	1,390.0	6,431.8							
July 2017	393.1	402.0		6,366.0	W						
August 2016	352.1	360.8	W	6,224.9	W						

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[[]a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state

	Aviation ga	soline	Kerosene-type jet fuel		Kerosene		No. 1 di	stillate	Propane (consumer grad	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
August 2017	W	506.4	32,406.8	40,510.0	1.6	696.4	W	176.7	5,767.9	24,684.3
July 2017	W	468.9	32,720.3	39,651.6	1.2	676.9	W	107.4	4,968.3	19,988.6
August 2016	W	613.5	32,731.0	31,754.8	W	1,451.2	38.5	227.2	6,864.3	29,214.3
PAD District 1										
August 2017	W	148.0	4,787.0	7,220.5	W	164.0	- _	2.2	W_	4,645.9
July 2017	W	136.5	4,719.5	7,689.0	W	9.5	- _	W	W_	3,650.0
August 2016	W	W	5,519.3	5,853.1	W	251.6	W	W	W	3,979.7
Subdistrict 1A										
August 2017	-	W	628.1	598.7	W	-	-	W	W	599.5
July 2017	W	W	568.7	507.9	W	W	. .	W	W	490.8
August 2016	W	W	397.8	417.4	W	-	-	W	W	521.7
Connecticut										
August 2017	-	-	W	W	-	-	-	-	-	76.2
July 2017	-	-	W	W	-	-	-		-	63.7
August 2016	-	-	W	W	-	-	-		-	58.9
Maine										
August 2017	-	W	W	W	-	_	-	_	W	173.3
July 2017	W	W	W	W	<u>-</u>	<u>-</u>	<u>-</u>		W	138.6
August 2016	W	W	W	W			<u> </u>	W	W	145.4
Massachusetts										
August 2017	-	_	W	538.4	W	_	_	_	_	74.1
July 2017	<u>-</u>		W	458.9	W					71.2
August 2016	<u>-</u>		W	357.5	W					85.5
New Hampshire			• •							
August 2017		_	W	W	W	_		_	_	W
July 2017			W		W					58.3
August 2016			W		W	<u>-</u>			<u>-</u>	65.1
Rhode Island			••	**	**					05.1
August 2017		_	W	W	W	_				W
July 2017				W	W_		· - -			W
August 2016			W	W	W		· <u>-</u>			<u>v</u> v
Vermont			**	**	**					**
August 2017	_		W	W		_		W	W	W
July 2017			W			W		V	W	
August 2016	-		W					V	w	
_										
Subdistrict 1B	14/	147	2 440 7	F 07F 0	0.0	144		4.4	147	4.644.0
August 2017	W	W	2,119.7	5,075.8	0.9	W_	- -	1.1		1,644.8
July 2017	- W	W	2,086.3	5,794.7	0.5	4.2_ W	- -	W	W_	1,367.3
August 2016 Delaware	VV	W	3,591.3	3,846.4	W	VV	W	3.9	W	1,502.2
August 2017			_	W	W	W		_	_	W
July 2017	<u>-</u>			W	W	 -			<u>-</u>	W
August 2016				W	W	<u>-</u>			<u>-</u>	W
District of Columbi	ia			••	••					••
August 2017	-	_	_	_	_	_	_	_	_	_
July 2017						<u>-</u>				
August 2016						<u>-</u>				
Maryland										
August 2017			W	W		W				W
July 2017				W			· - -			W
August 2016			W			W	· - -			
-	-	_	VV	VV	-	VV	_	_	_	VV
New Jersey		14/	700.0	2 022 2	\A/	00.2				2042
August 2017	-	W W	799.0_ 867.6	3,023.2	W	90.3_	- _		- -	284.2 276.1
July 2017	-	<u>v</u> v		3,840.5		229.6	- -	- -	- -	
August 2016	-	-	2,319.9	2,726.7	W	229.6	-	-	-	214.2
New York	147	144	000.0	407.0	147	147		147	147	200.0
August 2017	W	W	960.0	107.6	<u>W</u>	W_	- -	<u>W</u>		299.8
July 2017		W	884.4	89.2		W_	- -	<u>W</u>	W_	243.2
August 2016	W	W	W	167.3	W	W	-	W	W	280.5
Pennsylvania				4.00.						
August 2017	W	W		1,864.2	0.5	W_	- _	W	W	836.8
July 2017	-	W		1,807.0		W_	<u>- -</u> -			646.8
August 2016	-	W	W	903.7	W	1.1	W	W	W	798.1

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation ga	soline	Kerosene-type jet fuel		Kerosene		No. 1 dis	tillate	Propane (consu	mer grade)
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
	400.0		400.0		450.5		430.3	100010	450.5	
Subdistrict 1C										
August 2017		93.8	2,039.1	1,546.1	W	W_	- -	W_	W	2,401.7
July 2017	W	94.5	2,064.5	1,386.4	W	W_		W_	W	1,792.0
August 2016	W	96.8	1,530.3	1,589.4	W	W	-	W	W	1,955.7
Florida										
August 2017	-	63.5	W	1,175.5	W	- -		- _	-	338.7
July 2017	-	69.9_	<u>W</u>	1,026.4	<u>W</u>	- -	- -	- -	-	339.0
August 2016	-	69.5	961.5	1,194.0	W	-	-	-	-	318.8
Georgia										
August 2017		W_	W	94.8	-	W_		W_	-	419.3
July 2017	W	W_	W	89.9		W_		W_	-	266.0
August 2016	W	W	W	56.4	-	-	-	W	-	380.6
North Carolina										
August 2017	-	W_	W	W_	W	W_			-	748.3
July 2017	-	W_	W	109.0	W_	W_			-	453.7
August 2016	W	W	W	125.9	W	W	-	-	-	583.7
South Carolina										
August 2017	-	 .	W	62.0	W_	W_			-	394.1
July 2017	-	- -	W_	65.2	W	W			- _ :	241.4
August 2016	-	-	W	W	W	W	-	-	-	375.0
Virginia										
August 2017	-	W	387.0	109.2	-	W	-	-	-	162.4
July 2017	-	W	390.1	W	-	W	-		-	107.5
August 2016	-	W	211.5	144.1	-	W	-		-	W
West Virginia										
August 2017	_	_	W	W	W	_	_	_	W	338.9
July 2017		<u>-</u>	W	W	W	<u>-</u>			W	384.3
August 2016		-	W	W	W	-		-	W	W
PAD District 2										
August 2017	W	126.5	6,117.7	5,757.7	W	W	4.0	85.3	W	7,534.5
July 2017	W	134.6	5,804.1	5,765.7	W	17.7	2.5	51.1	W	5,891.8
August 2016	W	138.0	6,244.4	5,692.0	W	W	3.2	82.7	W	6,777.7
Illinois										
August 2017	W	W_	1,485.9	W_	W_	W_	W_	W_	W_	1,425.6
July 2017	W	W	1,288.1	W	W	W	W_	1.9	W	1,356.1
August 2016	W	W	1,722.2	1,422.5	W	W	W	W	W	1,139.5
Indiana										
August 2017	-	-	988.8	387.6	W	W	-	W	W	373.5
July 2017	-	-	990.4	321.6	W	6.9		W	W	189.2
August 2016	-	-	737.2	451.3	W	W		W	W	229.9
lowa										
August 2017	_	_	9.7	78.2	_	_	_	8.7	W	324.4
July 2017			12.9	93.0	<u>-</u>	<u>-</u>		8.8	W_	189.8
August 2016		<u>-</u>	W	52.4	<u>-</u>	W		10.4	W	321.2
Kansas										
August 2017	W	W	W	W	_	W	W	W	W	1,790.8
July 2017	v	- v	V	V		- v	V	w		1,319.2
August 2016	- v	- v	V	V		W		13.0		1,861.5
-	**	**	**	**		**		15.0	**	1,001.3
Kentucky		14/	14/	14/	14/	14/	14/	14/	14/	502.7
August 2017	-	W	<u>W</u>	W_	<u>W</u>	W	W	W	W	503.7
July 2017	-	W	<u>W</u>	585.0	<u>W</u>	W	<u>W</u> _	W	W	396.7
August 2016	-	W	W	496.7	W	W	-	W	W	432.9
Michigan										
August 2017	-	- -	172.2	554.4	<u>W</u>	W_	<u>W</u> _	W_		449.9
July 2017	-	- -	154.7	571.5	<u>W</u>	W_	<u>W</u> _	W_	<u>W</u>	335.5
August 2016	-	-	W	542.5	W	W	W	W	W	442.5
Minnesota										
		W_	232.0	W_	W	7.8_	W_	19.1	W	424.9
August 2017			220.0	W	W	W	W	11.6	W	297.0
August 2017 July 2017	W	W_	220.9							
August 2017 July 2017 August 2016		W _	449.2	 	W	9.1	0.6	15.5	W	320.5
August 2017 July 2017	W		449.2	W						320.5
August 2017 July 2017 August 2016	W			W				15.5	W -	320.5 241.6
August 2017 July 2017 August 2016 Missouri	W		449.2	W					W	

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.) Nebraska										
August 2017	W	-	W	W	-	-	-	5.2	W	W
July 2017	W		W	W			<u>-</u>	1.8	W	143.2
August 2016	W	-	W	20.5	-	-	-	4.0	W	202.4
North Dakota										
August 2017	-	-	W	W	-	W	-	16.1	W	381.7
July 2017			W	W				W	W	322.5
August 2016	-	-	W	W	-	-		8.6	W	238.7
Ohio										
August 2017	-	W	570.3	641.5	W	W	-	W	W	552.4
July 2017			470.7	696.8	W	W		W	W	522.9
August 2016	W	-	513.5	W	W	W	-	W	-	569.3
Oklahoma										
August 2017	W_		W_	482.1		W_		W	W	215.8
July 2017	W		W	513.1		W		W	W	148.6
August 2016	W	-	W	699.3	-	W	-	-	W	191.4
South Dakota										
August 2017			W		-	-	W	1.9	W	W
July 2017	-		W	-	-	-	W	3.1	W	W
August 2016	-	-	W	6.3	-	-	W	2.3	W	95.9
Tennessee										
August 2017	-	13.3	W	208.8	W	W	-	-	-	164.7
July 2017	-	12.1	W	216.7	W	W		-	-	W
August 2016	W	W	W	175.6	W	W	-	-	-	146.6
Wisconsin										
August 2017	-	_	W	W	W	W	_	5.4	W	435.5
July 2017			W	W	W	W		3.5	W	359.0
August 2016	-	-	W	NA	W	W	W	W	W	368.5
PAD District 3										
August 2017	W	128.8	6,959.1	17,640.8		506.2			5,545.7	9,676.9
July 2017	v	98.7	7,162.4	16,974.3		W			4,791.9	7,950.5
August 2016	V	137.6	6,521.8	10,985.9		1,169.0		W	6,690.9	15,798.4
Alabama	**	137.0	0,321.0	10,505.5		1,105.0		**	0,030.3	13,730.4
August 2017		W	71.2	76.8	_	W			_	153.6
July 2017			52.4	68.9	<u>-</u>				· - -	96.4
August 2016		v v -	219.9	NA				<u>-</u>		157.0
Arkansas		**	213.3	1471		•••				137.0
August 2017	W	W	W	W	_				W	W
July 2017	W		W_	W	· - - ·				<u>v</u> v .	W
August 2016	W	W	W			<u>-</u>		<u>-</u>		W
Louisiana	**	**	**	**						• • • • • • • • • • • • • • • • • • • •
August 2017		6.5	1,047.5	5,830.9	_	W	_	_	757.2	140.1
July 2017		5.4	1,445.1	5,052.1		v v -			W	89.5
August 2016		8.5	774.3	3,430.7		v v -		W		286.8
Mississippi		0.5	774.5	3,430.7		**		**	**	200.0
August 2017	W	W	674.1	2,833.6						253.0
July 2017	 _		516.9	2,412.5					·	172.1
August 2016		v v -	722.3	1,367.4	<u>-</u>			- -	·	296.4
New Mexico		• •	,5	2,307.4						250.4
August 2017	W		W_	W			_		W_	W
July 2017		- -			<u>-</u> -	- -		- -		W
August 2016	v v - ·		v v -	W	_	- -			W	W
Texas	**	_	**	**		_		_	VV	vv
August 2017	W	W	5,087.4	8,771.2	_	1.6	_		4,788.1	9,036.3
July 2017			5,076.3	9,310.9	_	1.9			3,903.1	7,517.0
August 2016	v	v v -	4,714.9	5,949.5	<u>-</u> -	W			4,509.5	14,951.5
/ 105031 ZUIU	**	v V	7,717.3	ر.∪∓ی.ن		v V			ر.ر∪د,⊱	±-r,JJ±.J

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and **state (cont.)** thousand gallons per day

	Aviation (gasoline	Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
August 2017	W	W	1,058.7	1,129.3	-	-	W	19.1	W	923.5
July 2017	W	W	975.7	1,187.7			W	W	W	759.5
August 2016	W	W	1,020.0	1,070.9	-	-	W	19.3	W	870.3
Colorado										
August 2017	W	-	318.9	654.1	_	_	_	9.2	W	318.6
July 2017	W		265.5	656.9			<u>-</u>	4.9	W	233.0
August 2016	W		327.2	602.8		<u>-</u>	<u>-</u>	6.3	W	304.8
Idaho	•••		327.2	002.0				0.5	•••	50
August 2017	_	_	W	42.5	_	_	W	_	W	W
July 2017				51.0			 W	W		W
August 2016			W	51.3			NA			38.2
-	_	_	VV	31.3	_	_	IVA	VV	VV	36.2
Montana	14/	147	147	141			14/	7.0	141	200.5
August 2017	W	W	W_	W	 - :	-		7.2	W	200.6
July 2017		W	W	W	- - :			5.1	W	164.3
August 2016	W	W	W	W	-	-	W	6.9	W	124.0
Utah										
August 2017	W	W	505.2	308.2	_		 _	W		W
July 2017	W_	W	484.4	347.3	-	-	_ _	1.6	-	W
August 2016	W	W	486.8	313.7	-	-	-	W	-	102.8
Wyoming										
August 2017	-	-	W	W	-	_	-	W	W	289.0
July 2017	-		W	W			-	1.2	-	254.6
August 2016	-		W	W	-	-		W	W	300.4
PAD District 5										
August 2017	W	W	13,484.3	8,761.7	-	W	W	70.1	W	1,903.4
July 2017	W	W	14,058.5	8,035.0		W	W	41.6	W	1,736.9
August 2016	W	190.9	13,425.5	8,152.7		W	W	117.9	W	1,788.2
Alaska			-,	-, -						,
August 2017	W	W	W	W	_	_	W	W	W	W
July 2017	W	W		W				W	W	
August 2016	vv -	W	W	W			V V -	W	w	
-	VV	vv	VV	vv	_	_	vv	VV	VV	vv
Arizona	14/	14/	160.0	400 5						450.4
August 2017	W	W	160.0	189.5			 -			
July 2017	W	W	117.2	223.7			 -		7:	130.0
August 2016	W	W	153.0	210.8	-	-	-	-	W	251.5
California										
August 2017	- _	39.7	7,995.6	7,188.8	_ 	W	 _		W	1,121.7
July 2017		40.2	7,988.1	6,483.9	-	W	 _		W	992.6
August 2016	-	W	7,486.4	6,418.9	-	W	-	-	W	917.0
Hawaii										
August 2017	-	W	W	W	_	_	-	_	_	W
July 2017		W	W	W						W
August 2016	<u>-</u>	W	W	W		<u>-</u>	<u>-</u>	<u>-</u>		 W
Nevada		•••	**	•••						••
			W	W						62.2
August 2017	 -			w	-		 -			
July 2017	- -				- - :		- -			29.6
August 2016	-	-	W	W	-	-	-	-	-	W
Oregon										
August 2017	- _	21.3	W_	100.7	-	-	- _	-	W	W
July 2017		25.6	W	90.7					W	W
August 2016	-	24.3	543.5	56.1	-	-	-	-	W	W
Washington										
August 2017	-	W	2,085.1	357.8	-		-	W	W	453.5
July 2017	<u>-</u>	W	2,495.4	251.7			W	W	W	493.5
August 2016		NA	2,426.2	294.7			- ' -	W		
/ 105031 ZUIU		INA	۷,۳۷۰.۷	254.7				VV	VV	+03.8

^{- =} No data reported.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 are final. Totals may not equal the sum of the components due to rounding. Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state thousand gallons per day

	No. 2 diesel fuel									
	Ultra-low		Low-sul		High-su					
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resal				
United States										
August 2017	12,357.1	148,026.7	W	W	W					
July 2017	11,739.3	142,165.4	W	W	W	<u>V</u>				
August 2016	13,293.5	139,905.4	W	W	W	W				
PAD District 1										
August 2017		29,028.1	- -	W_		<u>V</u>				
_ July 2017	<u>W</u> _	26,152.9		$\overline{}$		<u>V</u>				
August 2016	2,303.2	25,351.6	-	W	-	V				
Subdistrict 1A										
August 2017	W_	W_	- -		-					
_ July 2017	W	W	-	- -	-					
August 2016	32.4	W	-	-	-					
Connecticut	W	312.1								
August 2017 July 2017		200.2								
August 2016	W									
Maine	**	**								
August 2017	_	W	_	_	_					
July 2017	-	W	-							
August 2016	-	W	-	-	-					
Massachusetts										
August 2017	W_	W_	_	_ _	<u>-</u>					
July 2017	W_	W_								
August 2016	W	211.7	-	-	-					
New Hampshire										
August 2017		W								
July 2017				 -						
August 2016	W	W	-	-	-					
Rhode Island	W	202.0								
August 2017 July 2017		283.9 W	<u>-</u>	<u>-</u> -						
August 2016	W	v v - W	<u>-</u>							
Vermont	••	•••								
August 2017	W	W	_	_	_					
July 2017	W	W								
August 2016	W	W	-	-	-					
Subdistrict 1B										
August 2017	W	W	-	W	-	V				
July 2017	W	W		W		V				
August 2016	672.8	W	-	W	-	V				
Delaware										
August 2017	W_	W_								
July 2017	W_	W_	- -		- -					
August 2016	3.7	W	-	-	-					
District of Columbia										
August 2017	- -		-	- -	- -					
July 2017 August 2016	- -		-	- -	-					
Maryland	-	VV	-	-	-					
August 2017	_	W	_	W						
July 2017		1,040.4	-	W_	<u>-</u>					
August 2016	W	W								
New Jersey										
August 2017	152.2	W_		W_						
July 2017	156.7	4,765.3		- _						
August 2016	176.4	W	-	W	-					
New York										
August 2017	184.1	W_	-		-	V				
_ July 2017		W				V				
August 2016	W	W	-	-	-	V				
Pennsylvania	1									
August 2017 July 2017	<u>W</u> -	4,930.5	-	- -						
July 2017 August 2016	291.7	4,930.5 4,813.2	-	- -						
August 2010	291./	4,813.2			-					

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales to end users Sales for resale Sales to end users Sales for resale Subdistrict 1C August 2017 W W 769.2 July 2017 W August 2016 1,598.0 W Florida August 2017 4,648.0 258.4 July 2017 238.8 4,174.4 3,951.8 August 2016 571.3 Georgia August 2017 84.6 2,306.0 July 2017 2,250.4 81.4 August 2016 2,485.7 153.5 North Carolina August 2017 292.9 July 2017 W W August 2016 453.3 W **South Carolina** August 2017 W 1,257.7 July 2017 W 1,175.8 August 2016 W W Virginia August 2017 14.7 2,736.1 July 2017 13.8 2,486.6 August 2016 2,384.9 50.1 West Virginia 725.2 August 2017 W July 2017 W 656.5 August 2016 W 629.0 PAD District 2 August 2017 W W July 2017 W W August 2016 W W Illinois August 2017 W 6,441.3 July 2017 W 5,973.9 August 2016 W 5,156.9 Indiana August 2017 W 3,906.3 3,082.5 July 2017 W August 2016 W 3,559.6 lowa August 2017 2,047.6 16.5 1,780.6 July 2017 15.7 August 2016 14.8 1,746.2 Kansas August 2017 589.8 3,410.6 July 2017 W 3,275.6 August 2016 W 3,172.3 Kentucky August 2017 W 1,976.2 July 2017 W 1,650.5 August 2016 W W Michigan August 2017 W W W W July 2017 August 2016 W W Minnesota August 2017 W 2,789.1 July 2017 W 2,422.9 August 2016 W 2,553.6 Missouri August 2017 W 1,598.1 July 2017 W 1,474.0

See footnotes at end of table

August 2016

1,487.6

W

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales to end users Sales for resale PAD District 2 (cont.) Nebraska August 2017 W 1,543.0 July 2017 W 1,659.8 August 2016 W 1,489.9 **North Dakota** August 2017 W 1,811.6 July 2017 W 1,426.9 W 1,753.2 August 2016 Ohio August 2017 785.9 5,255.1 July 2017 636.7 4,783.1 August 2016 833.5 4,620.5 Oklahoma August 2017 6,799.0 343.4 July 2017 310.5 5,553.1 August 2016 W 4,746.9 South Dakota August 2017 W 663.5 July 2017 W 603.9 August 2016 W 569.9 Tennessee August 2017 301.2 3,364.1 292.9 July 2017 2,912.8 August 2016 423.3 3,090.6 Wisconsin August 2017 W W July 2017 W 2,156.8 August 2016 2,084.6 W PAD District 3 August 2017 W 44,509.5 W W W 47,586.8 July 2017 W W W W August 2016 W 45,349.8 W W W Alabama August 2017 161.6 1,560.3 1,298.9 July 2017 136.7 August 2016 184.5 1,709.2 Arkansas August 2017 W 1,570.1 July 2017 W 1,627.2 August 2016 W 1,282.9 Louisiana August 2017 176.8 W W July 2017 160.4 W W W August 2016 W W 363.1 W Mississippi August 2017 43.1 W July 2017 50.4 W August 2016 85.5 W **New Mexico** August 2017 332.0 1,139.6 July 2017 300.1 1,355.5 August 2016 289.5 1,293.6 Texas August 2017 1,915.4 25,954.1 W w W July 2017 1,745.6 28,895.8 W W W August 2016 1,827.2 29,932.4

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)

No. 2 diesel fuel Ultra-low sulfur Low-sulfur High-sulfur Geographic area month Sales to end users Sales for resale Sales for resale Sales to end users Sales for resale PAD District 4 August 2017 W 7,308.4 July 2017 W 7,177.9 August 2016 W 7,351.9 Colorado August 2017 272.0 2,302.5 July 2017 258 3 2.288.7 August 2016 266.0 2,358.8 Idaho August 2017 W 750.8 July 2017 874.0 W 109.2 836.4 August 2016 Montana August 2017 1,278.7 July 2017 W 1,234.3 1,258.3 August 2016 W Utah August 2017 W 1,749.6 July 2017 312.6 1,816.9 August 2016 W 1,776.5 Wyoming August 2017 377.0 1,226.7 July 2017 344.0 964.0 340.2 1,122.0 August 2016 PAD District 5 August 2017 W W W W W July 2017 W W W W W August 2016 W W W W Alaska August 2017 W W July 2017 W W August 2016 W W Arizona August 2017 411.6 1,193.1 July 2017 387.1 1,159.0 August 2016 381.5 1,263.5 California August 2017 1,366.7 W W July 2017 1,496.1 11,641.0 August 2016 1,180.5 W W Hawaii August 2017 W W W W W July 2017 W W W W W August 2016 90.2 W W W W Nevada August 2017 W 548.3 July 2017 W 459.4 August 2016 W 452.5 Oregon August 2017 8.2 2,350.4 6.9 July 2017 2,230.0 10.1 August 2016 1,924.4 Washington August 2017 W 3,536.7 402.7 July 2017 4,081.0 August 2016 250.3 3.577.0

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state thousand gallons per day

United States Angos 2017		No. 2 fuel oil		No. 2 distillate		
August 2017	Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resal	
August 2017	United States					
July 2017		51.2	5,447.9	12,781.8	156,521	
August 2016 10.9 3,76.8 13,62.9 146,055 M2D District 1 August 2017 W 3,17.1.2 1,479.8 32,131.5 1,479.1 1,479.8 32,131.5 1,479.2 1,479.8 32,131.5 1,479.2 1,479.8 32,131.5 1,479.2 1,479.8 32,135.7 2,82,131.5 1,479.2 1,479.8 32,135.7 2,82,131.5 1,479.2 1,479.8 32,135.7 2,82,131.5 1,479.2		64.5			150,264	
PAD District 1	August 2016	110.9			146,059	
August 2017 W 3.17.2 1.47.98 3.23.57 2.83.15 August 2016 3.93 2,05.70 2,36.25 2,75.55 2,55.55 2,55.55 2,55.55 2,55.55 2,55.55 3.00 <						
July 2017)A/	2 474 2	4.470.0	22.240	
August 2016 59.3 2,057.0 2,362.5 27,552 Subdistrict LA - W W 1,262 August 2017 - W W 1,235 August 2016 - W 32.4 1,155 Connecticut - W W 31.1 August 2017 - NA W 2.22 August 2016 - W W 2.22 August 2016 - W W 2.22 August 2016 - W W 9.22 August 2017 - W W 9.35 August 2017 - W W 9.25 August 2017 - W W 2.21 New Hampshire W W W 2.22 New Jangust 2016 - W W 2.25 Nagust 2016 - W W 2.25 Nagust 2017 - W W <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>						
Subdistrict IA						
August 2007 - W W M 1.03 August 2016 - W 1.03 August 2016 - W 32.4 1.155 Connecticut - W 32.4 1.155 Connecticut - W 3.15 3.15 August 2017 - W W 2.22 August 2016 W - 4.04 1.04 2017 - 4.04 W - 4.04 1.04 2017 - 4.04 W - - 4.04 1.04 2017 - 4.04 W - - 4.04 1.04 2017 - 4.04 W - - 4.04 4.04 3.05 2.04 2019	August 2016	59.3	2,057.0	2,302.5	27,332	
July 2017	Subdistrict 1A					
August 2016 - W 32.4 1,155 Connecticut - - W 31.2 July 2017 - NA W 232 August 2016 - W W 323 Major 2017 - W - 144 July 2017 - W - 144 August 2016 - W - 124 August 2017 - W W 355 August 2017 - W W 355 August 2017 - W W 355 August 2017 - W W 201 August 2016 - W W 201 Rhode Island W W W 288 July 2017 - W W 288 July 2017 - W W 288 July 2017 - W W 288 July 2017<	August 2017	- -	W	W	1,246	
Name	July 2017	-	ww	W	1,035	
August 2017 - NA W 232 August 2016 - W W 322 Major - NA W 232 August 2017 - W - 144 July 2017 - W - 176 August 2016 - W W 355 August 2017 - W W 355 July 2017 - W W 355 August 2016 - W W 355 August 2017 - W W W August 2017 - W W W 285 July 2017 - W W 285 100 201 W W 285 100 <	August 2016	-	W	32.4	1,159	
May 1999 1	Connecticut					
August 2016 - W 32 Mayst 2017 - W - 142 July 2017 - W - 142 August 2016 - W - 142 August 2017 - W W 35 July 2017 - W W 35 August 2016 - - W W 21 Mayst 2017 - W W W 21 Mayst 2017 - W W W W W W W W W W W W W W W W W W W 20 21 W W W W W W W W W W W W August 2017 W W W W W W W W W W W W W W W M <t< td=""><td>August 2017</td><td> .</td><td> -</td><td>W</td><td>312</td></t<>	August 2017	.	-	W	312	
Maine August 2017 <	July 2017	- -	NA		228	
August 2017	August 2016	-	W	W	327	
July 2017						
July 2017		-	W	-	142	
August 2016 , W , W 35 August 2017 , W W 36 July 2017 , W W 30 August 2016 W W 30 August 2017 , W W W August 2016 W W W August 2016 W W W Rhode Island W W W 28 July 2017 W W W 28 August 2016 W W W 29 W W 16,00 July 2017 W 1,999.4 W 16,00 W 16,00 W 14,04 40 14,04 40 16,00 W W 1,00 10 <td></td> <td></td> <td></td> <td>-</td> <td>124</td>				-	124	
Massachusetts		-		-	170	
August 2017	_					
July 2017		-	W	W	355	
August 2016 - - - - 21 New Hampshire - <td></td> <td></td> <td></td> <td></td> <td></td>						
New Hampshire			-			
August 2017	•			••		
July 2017		_	\\/	\ \ /	,	
August 2015					,	
Rhode Island						
August 2017	_		**	**		
July 2017 -				14/	202	
August 2016		·				
Vermont					248	
August 2017	_	-	VV	VV	,	
July 2017				14/		
August 2016 . W W Subdistrict 18 . W 2,950.6 W 16,702 July 2017 W 1,999.4 W 14,043 August 2016 59.3 1,802.1 732.1 13,085 Delaware August 2017 - W L 1,236 1,2		- -				
Subdistrict 1B		- -				
August 2017 W 2,950.6 W 16,702 July 2017 W 1,999.4 W 14,043 August 2016 59.3 1,802.1 732.1 13,085 Delaware August 2017 - W W W W U P D	August 2016		VV	VV	,	
July 2017	Subdistrict 1B					
August 2016 59.3 1,802.1 732.1 13,085 Delawre	August 2017				16,702	
Delaware	July 2017	W	1,999.4	W	14,043	
August 2017	August 2016	59.3	1,802.1	732.1	13,089	
August 2017	Delaware					
July 2017		-	W	W		
August 2016 - W W District of Columbia August 2017		-				
District of Columbia	,	-	W	W		
August 2017 - - - - - - - - - - - - - - - - - <	=					
July 2017		_	_	_	,	
August 2016 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <th< td=""><td></td><td></td><td></td><td></td><td></td></th<>						
Maryland August 2017 - NA - 1,236 July 2017 - W W W 1,105 August 2016 W W W W 1,273 New Jersey August 2017 - 1,214.2 152.2 6,202 July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York August 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania W W W 301.8 7,770 July 2017 W 560.3 255.8 5,490		·		<u>-</u>		
August 2017 - NA - 1,236 July 2017 - W - 1,105 August 2016 W W W W 1,173 New Jersey August 2017 - 1,214.2 152.2 6,202 July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W W 301.8 7,770 July 2017 W W W 301.8 7,770 July 2017 W W W 301.8 7,770 July 2017 W 560.3 255.8 5,490						
July 2017 - W - 1,109 August 2016 W W W W 1,173 New Jersey - 1,214.2 152.2 6,202 August 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,43 Pennsylvania August 2017 W W W 301.8 7,770 July 2017 W W W 301.8 7,770 July 2017 W 560.3 255.8 5,490			N/A		1 226	
August 2016 W W W Memory New Jersey August 2017 - 1,214.2 152.2 6,202 July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York August 2017 - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W W 301.8 7,770 July 2017 W 560.3 255.8 5,490				· 		
New Jersey August 2017 - 1,214.2 152.2 6,202 July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,145 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490		·				
August 2017 - 1,214.2 152.2 6,202 July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York August 2017 - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490		VV	VV	VV	1,1/3	
July 2017 - 1,156.5 156.7 5,921 August 2016 - 986.4 176.4 5,161 New York August 2017 - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,43 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490						
August 2016 - 986.4 176.4 5,161 New York ***		. .				
New York August 2017 - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,43 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490		-				
August 2017 - 188.3 184.1 1,215 July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490	=	-	986.4	176.4	5,161	
July 2017 W 122.2 173.7 1,114 August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490						
August 2016 W 176.6 229.6 1,143 Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490						
Pennsylvania August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490					1,114	
August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490		W	176.6	229.6	1,143	
August 2017 W W 301.8 7,770 July 2017 W 560.3 255.8 5,490	Pennsylvania					
					7,770	
		W			5,490	
	August 2016	NA	427.6	295.0	5,240	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.) thousand gallons per day

			No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resa	
Subdistrict 1C					
August 2017	W	W	812.2	14,370	
July 2017		W	769.2	13,240	
August 2016		W	1,598.0	13,303	
		**	1,330.0	13,303	
Florida					
August 2017		-	258.4	4,648	
July 2017		-	238.8	4,174	
August 2016	-	-	571.3	3,951	
Georgia					
August 2017	_	-	84.6	2,306	
July 2017			81.4	2,250	
August 2016			153.5	2,485	
	-	-	155.5	2,403	
North Carolina					
August 2017		W	292.9	2,69	
July 2017		W	W	2,49	
August 2016	-	W	453.3	2,51	
South Carolina					
August 2017	_		W	1,25	
		-		1,25	
July 2017	- -				
August 2016	-	W	W	1,33	
Virginia					
August 2017		-	14.7	2,73	
July 2017	-	-	13.8	2,48	
August 2016	-	<u>-</u>	50.1	2,38	
West Virginia				_,-,-	
	W		W	72	
August 2017	<u>vv</u>	-			
July 2017				65	
August 2016	-	-	W	62	
PAD District 2					
August 2017	W	W	4,322.3	46,84	
_ July 2017	<u>W</u>	<u>W</u>	3,976.3	41,24	
August 2016	W	W	4,707.5	40,48	
Illinois					
August 2017	<u>-</u>	<u>-</u>	W	6,44	
July 2017	-	-	W	5,97	
August 2016			W	5,15	
Indiana			VV	3,13	
August 2017			W	3,90	
July 2017	_	.		3,08	
August 2016	-	-	W	3,55	
lowa					
August 2017	_	_	16.5	2,04	
July 2017	- -		15.7	1,78	
August 2016	-	-	14.8	1,74	
Kansas					
August 2017		- =	589.8	3,41	
July 2017	-		W	3,27	
August 2016			W	3,17	
W I			**	3,17	
Kentucky			***		
August 2017			W	1,97	
July 2017	-	.		1,65	
August 2016	-	W	W	2,01	
Michigan					
August 2017	_	W	W	2,77	
July 2017				2,48	
	- -				
August 2016	-	W	W	2,43	
Minnesota					
August 2017	W W	-	269.8	2,78	
July 2017	W	-	248.8	2,42	
August 2016	W		250.5	2,55	
	VV	-	230.3	2,55	
Missouri					
August 2017			W	1,59	
July 2017		.		1,47	
August 2016			W	1,48	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.) thousand gallons per day

	No. 2 fuel oil		No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users Sales for res		
PAD District 2 (cont.)					
Nebraska					
August 2017	-	-	W	1,543	
July 2017				1,659	
August 2016	-	-	W	1,489	
North Dakota					
August 2017	W	-	W	1,811	
July 2017	W		W	1,426	
August 2016	W	-	W	1,753	
Ohio					
August 2017	-	 -	785.9	5,255	
July 2017		-	636.7	4,783	
August 2016	-	-	833.5	4,620	
Oklahoma					
August 2017			343.4	6,799	
July 2017		 	310.5	5,553	
August 2016	-	-	W	4,746	
South Dakota					
August 2017	<u>W</u>	-	W	663	
July 2017	<u>W</u>	-	W	60	
August 2016	W	-	W	569	
Tennessee					
August 2017	-		301.2	3,36	
July 2017	_		292.9	2,91	
August 2016	-	-	423.3	3,09	
Wisconsin					
August 2017	W	W	48.3	2,46	
July 2017	W		45.9	2,150	
August 2016	W	-	59.1	2,084	
PAD District 3					
August 2017		2,137.6	2,724.0	49,04	
July 2017	_	1,910.6	2,491.3	53,34	
August 2016	-	1,598.9	2,842.1	48,88	
Alabama					
August 2017			161.6	1,56	
July 2017			136.7	1,29	
August 2016	-	-	184.5	1,70	
Arkansas					
August 2017		-	W	1,57	
July 2017	-			1,62	
August 2016	-	-	W	1,28	
Louisiana					
August 2017	-	W	176.8	15,42	
July 2017		W	160.4	16,29	
August 2016	-	W	363.1	11,01	
Mississippi					
August 2017	-	W	W	2,25	
July 2017		W	W	1,93	
August 2016	-	W	W	2,60	
New Mexico					
August 2017			332.0	1,13	
July 2017	-		300.1	1,35	
August 2016	-		289.5	1,29	
Texas				,	
August 2017	-	1,091.5	1,920.0	27,09:	
July 2017		1,094.5	1,752.6	30,839	
August 2016		960.3	1,842.8	30,979	
		500.5	1,072.0	50,57	

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)

	No. 2 fuel oil		No. 2 distillate		
Geographic area month	Sales to end users	Sales for resale	Sales to end users	Sales for resal	
PAD District 4					
August 2017	W	-	1,247.5	7,308	
July 2017	W		1,182.5	7,177	
August 2016	W		1,218.5	7,351	
Colorado			,	,	
August 2017	-	-	272.0	2,302	
July 2017	-	-	258.3	2,288	
August 2016	-	-	266.0	2,358	
Idaho					
August 2017	W	-	W	750	
July 2017	W		W	874	
August 2016	-	-	W	836	
Montana					
August 2017		-	W	1,278	
July 2017	-	-	W	1,234	
August 2016	W	-	W	1,258	
Utah					
August 2017	W	-	327.0	1,749	
July 2017	NA	-	313.5	1,816	
August 2016	W	-	327.2	1,776	
Wyoming					
August 2017	-	-	377.0	1,226	
July 2017	-	-	344.0	964	
August 2016	-	-	340.2	1,122	
PAD District 5					
August 2017	W	W	3,008.1	21,006	
July 2017		VV W	3,047.5	20,176	
August 2016			2,532.4	21,781.	
_	vv	vv	2,332.4	21,761	
Alaska	W	W	W	,	
August 2017				;	
July 2017		v v		;	
August 2016	vv	VV	VV	,	
Arizona			444.6	4.402	
August 2017	· 		411.6 387.1	1,193	
July 2017	· 			1,159	
August 2016	-	-	381.5	1,263	
California			1 200 7	12.452	
August 2017	 	-	1,366.7	12,453	
July 2017	 	-	1,496.1	11,641	
August 2016	-	-	1,180.5	13,846	
Hawaii					
August 2017	. 	-			
_ July 2017	. 	-			
August 2016	-	-	333.2	,	
Nevada					
August 2017	W	-	W	548	
_ July 2017		-	W	459	
August 2016	W	-	146.8	452	
Oregon					
August 2017	 -	-		2,350	
July 2017	 -	-	6.9	2,230	
August 2016	-	-	W	1,924	
Washington					
August 2017	W	-	407.9	3,536	
_ July 2017	- -	-	402.7	4,081	
August 2016			250.3	3,577.	

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2016 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District

	Residual fuel oil						No. 4 fuel[a]			
Geographic area month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total					
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States										
August 2017	W	387.0	W	7,578.4	3,651.9	7,965.4	W	W		
July 2017	W	599.1	W	5,689.1	3,414.2	6,288.2		W		
August 2016	W	921.9	W	7,220.0	4,415.2	8,141.9	W	W		
PAD District 1										
August 2017	W_	W_	W_	W_	W_	2,121.3				
July 2017	W_	W_	W_	W_	W_	2,103.4	. .			
August 2016	W	429.8	W	1,794.3	W	2,224.1	-	-		
Subdistrict 1A										
August 2017						.				
July 2017		-			
August 2016	-	-	-	-	-	-	-	-		
Subdistrict 1B										
August 2017	W_	W	W	W_	W_	2,121.3	. .			
July 2017	W_	W_	W_	W_	W_	2,103.4	 .			
August 2016	W	429.8	W	W	W	W	-	-		
Subdistrict 1C										
August 2017	. _	-	W_		W_	. . _	. _			
July 2017	. _	-	W_		W_	. . _	. _			
August 2016	-	-	W	W	W	W	-	-		
PAD District 2										
August 2017			 .	W_		W_	 .	W		
July 2017			- -	W_		W_	 .	W		
August 2016	-	-	-	178.3	-	178.3	-	W		
PAD District 3										
August 2017		W	W_	W_	W	4,193.2	- -	W		
July 2017		W	W_	W_	W	2,704.5	- -	W		
August 2016	-	W	W	W	W	5,109.1	-	W		
PAD District 4										
August 2017			- -	W_		W	W_			
July 2017		-	- -	$_\ _\ _\ _\ _\ _\ \underline{W}_{-}$	- _	W	- _			
August 2016	-	W	-	W	-	W	W	-		
PAD District 5										
August 2017	W_	W_	W_	W_	2,817.1	1,558.7	W_			
July 2017	W_	W_	W_	W_	2,473.3	1,385.1	 .			
August 2016	W	W	W	W	3,380.9	W	-	-		

^{- =} No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2016 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."